



STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME

P.O. BOX 115525  
JUNEAU, ALASKA 99811-5525

Permit #: SF2009-59

Expires: 6/30/2009

Collections Report Due: 7/30/2009

FISH RESOURCE PERMIT  
(For Scientific/Educational Purposes)

This permit authorizes

Liz Flory (whose signature is required on page 2 for permit validation)  
person

of Aquatic Sciences (for Coeur Alaska)  
agency or organization

at 3031 Clinton Drive, Suite 202, Juneau, Alaska 99801  
address

to conduct the following activities from April 1, 2008 to June 30, 2008 in accordance with AS 16.05.930:

**Purpose:** To estimate the number of out-migrating pink salmon fry in creeks designated by an EPA issued NPDES permit for the Kensington Mine.

**Location:** Lynn Canal-Sherman/Sweeny Creeks Berners Bay-Slate/Johnson Creeks

**Species Collected:** Pink/chum/coho salmon, Dolly Varden, cutthroat trout, eulachon, and coast-range sculpin

**Method of Capture:** Fyke nets with adjustable wings or inclined plane traps (see Permit Stipulations #2/3)

**Final Disposition:** All fish must be released alive back into the system they were captured.

No more than the following numbers of mostly juvenile fish may be handled:

≤450K pink salmon ≤20K chum salmon ≤500 coho salmon ≤50 Dolly Varden ≤50 cutthroat trout ≤500 eulachon ≤1K sculpin  
≤12,000 pink salmon smolts in total (≈150 per test) may be marked with Bismarck Brown dye and released above trap so as to determine smolt trap catch efficiency.

-Continued on Back-

**REPORT DUE July 30, 2009.** The collections report, using a template furnished by ADF&G, shall include ALL species, numbers, dates, and locations of collection (datum/GPS coordinates in the decimal degrees format (dd.ddddd)) and disposition, and if applicable, sex, age, and breeding condition, and lengths and weights of fish. It must also include the date/time the local biologist was contacted prior to initiating collection activities. A completion report (abstract, background, methods, data, analysis), if not submitted with the collection report described above, must be submitted to the department by: January/2010. Data from such reports are considered public information. The report shall also include other information as may be required under the permit stipulations section.

GENERAL CONDITIONS, EXCEPTIONS AND RESTRICTIONS

1. This permit must be carried by person(s) specified during approved activities who shall show it on request to persons authorized to enforce Alaska's fish and game laws. This permit is nontransferable and will be revoked or renewal denied by the Commissioner of Fish and Game if the permittee violates any of its conditions, exceptions or restrictions. No re-delegation of authority may be allowed under this permit unless specifically noted.
2. No specimens taken under authority hereof may be sold or bartered. All specimens must be deposited in a public museum or a public scientific or educational institution unless otherwise stated herein. Subpermittees shall not retain possession of live animals or other specimens.
3. The permittee shall keep records of all activities conducted under authority of this permit, available for inspection at all reasonable hours upon request of any authorized state enforcement officer.
4. Permits will not be renewed until the department has received detailed reports, as specified above.
5. UNLESS SPECIFICALLY STATED HEREIN, THIS PERMIT DOES NOT AUTHORIZE the exportation of specimens or the taking of specimens in areas otherwise closed to hunting and fishing; without appropriate licenses required by state regulations; during closed seasons; or in any manner, by any means, at any time not permitted by those regulations.

  
Fish Resource Permit Coordinator  
Division of Sport Fish

  
Director  
Division of Sport Fish

3-6-09  
Date

**SF2009-59 continued (page 2 of 2)**

**Authorized Personnel:** The following persons may perform collecting activities under terms of this permit:

**Eric Chadwell, Brian Flory, Elizabeth Flory, Charmagne Gutierrez, Brent McEwan, Jill Michalak,**

*Employees and volunteers under the direct supervision of, and in the presence of, one of the authorized personnel listed above may participate in collecting activities under terms of this permit.*

**Permit Stipulations:**

- 1) The local Area Management Biologist, **Brian Glynn** (465-4318; [brian.glynn@alaska.gov](mailto:brian.glynn@alaska.gov)) Juneau, must be notified prior to you engaging in any collecting activities. **The time/date of this contact must be included in your collections report (using the "data submission form" furnished by ADF&G.** This biologist has the right to specify methods for collecting, as well as limiting the collections, of any species by number, time and location.
- 2) **At a minimum, smolt traps must be checked on a daily basis prior to 10 am.** However it is recommended they be checked twice daily between 8 - 11 am and between 9pm - midnight. **Each time a 10% or greater mortality event occurs at a smolt trap, you are required to call the AMB (see Stipulation #1) to discuss strategies for reducing future high mortality rates.**
- 3) The stream channel may not be blocking by capture gear. Fyke nets and inclined plane traps must be operated in such a manner as to allow cutthroat trout and Dolly Varden to migrate freely up and down stream.
- 4) All unattended sampling gear must be: 1) labeled with the permittee's name, telephone number, and permit number, 2) securely tied to substrate, 3) located with GPS coordinates, and 4) accounted for/removed at the conclusion of sampling.
- 5) If anadromous fish are found in permitted streams and rivers, the permit holder will work closely with ADF&G to see that information is included in the database for the *Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes*. Anadromous fish include *Oncorhynchus spp.*, Arctic char, Dolly Varden, sheefish, smelts, lamprey, whitefish, and sturgeon. Please direct questions to J. Johnson, 267-2337 or [j.johnson@alaska.gov](mailto:j.johnson@alaska.gov)
- 6) **Atlantic salmon** and other **non-native invasive aquatic species** encountered should be killed. The nearest ADF&G office (**see Stipulation # 1**) must be contacted immediately with species identification or description, capture or sighting location, number captured, size, and sex. Preserve/turn in the whole specimen to the nearest ADF&G office.
- 7) *A Title 41 Permit may be required from Division of Habitat to place structures (weir, etc.) in streams.*
- 8) *A copy of this permit, including any amendments, must be made available at all field collection sites and project sites for inspection upon request by a representative of the department or a law enforcement officer.*
- 9) Issuance of this permit does not absolve the permittee from compliance in full with any and all other applicable federal, state, or local laws, regulations, or ordinances.
- 10) **A report of collecting activities**, referenced to this fish resource permit number, must be submitted to the Alaska Department of Fish and Game, Division of Sport Fish HQ, P.O. Box 115525, Juneau, AK 99811-5525, Attention: Bob Piorkowski (465-6109; [Robert.Piorkowski@alaska.gov](mailto:Robert.Piorkowski@alaska.gov)), within 30 days after the expiration of this permit. This report must summarize the number of fish captured by date, by location (provide GPS coordinates and datum), and by species, and the fate of those fish. Fish length, weight, sex, and age data should be included if collected. A completion report (abstract/background/methods /data/analysis), if not submitted with the collection report described above, must be submitted to the department within six months of the expiration of the permit. Data from such reports are considered public information. A report is required whether or not collecting activities were undertaken. A report should also be sent to the Biologist(s) listed under **Stipulation #1**.

**PERMIT VALIDATION** requires permittee's signature agreeing to abide by permit conditions before beginning collecting activities:

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**Signature of Permittee**

cc: Brian Glynn, Division of Sport Fish, Juneau  
Kevin Monagle, Division of Commercial Fish, Juneau  
Randy Bachman, Division of Commercial Fisheries, Haines  
Jackie Timothy, Division of Habitat, Juneau  
Fish and Wildlife Protection, Juneau